

## EAST Search History

| Ref # | Hits   | Search Query                                  | DBs                              | Default Operator | Plurals | Time Stamp          |
|-------|--------|-----------------------------------------------|----------------------------------|------------------|---------|---------------------|
| S50   | 52033  | phase near3 compar\$6                         | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>12:39 |
| S51   | 523685 | detector photo adj detect\$4<br>photodetector | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>12:40 |
| S52   | 8634   | S50 near10 S51                                | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>12:40 |
| S53   | 275    | ((369/124.14) or (369/124.15)).CCLS.          | US-PGPU<br>B;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/04/12<br>12:40 |
| S54   | 10     | S52 and S53                                   | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>12:43 |
| S55   | 909284 | amp amplif\$4 gain                            | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>14:01 |
| S56   | 526    | S52 near10 S55                                | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>14:02 |
| S57   | 21     | S56 and "369".clas.                           | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>14:02 |
| S58   | 100151 | (low adj pass lowpass) near2<br>filter        | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>15:30 |
| S59   | 2548   | S58 near6 (adder subtractor)                  | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>15:30 |
| S60   | 7      | S59 and S53                                   | US-PGPU<br>B; USPAT              | OR               | ON      | 2007/04/12<br>15:30 |

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|-------|---------|----------------------------------------------------|------------------|------------------|---------|------------------|
| L9    | 2764297 | detect\$3 measur\$3 calculat\$3 discriminat\$3     | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L10   | 428016  | (delay time phase) near2 (difference change shift) | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L11   | 60584   | L9 near4 L10                                       | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L12   | 52301   | ris\$4 near2 edge                                  | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L13   | 38689   | fall\$4 near2 edge                                 | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L14   | 117612  | (photo beam light) near2 detector photodetector    | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L15   | 251     | L11 and L12 and L13 and L14                        | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |
| L16   | 90      | L15 and "369".clas.                                | US-PGPU B; USPAT | OR               | ON      | 2007/04/12 16:16 |